45.   (New) A method for processing a request, comprising the steps of:

storing a first cursor in a first node, said first cursor comprising a shareable part
and a non-sharable part;

establishing a second cursor based on the shareable part of the first cursor;

retaining the second cursor at the second node, wherein the second cursor is not
executed while said first node continues to be able to execute said first
cursor; and

causing said client to interact with said second node in response to said first node
ceasing to be able to execute said first cursor.

46.   (New) The method of claim 45, wherein the first node is a first database server,
and the second node is a second database server.

47.   (New) The method of claim 45, further comprising the step of executing said
second cursor at said second node after the first node ceases to be able to execute
said first cursor.

48.   (New) The method of claim 47, wherein a non-sharable part of said second cursor
is created upon execution of said second cursor.

49.   (New) The method of claim 45, further comprising the step of transmitting the
shareable part of the first cursor to the second node in anticipation of said first
node not being able to execute said first cursor.

2

50. (New) The method of claim 45, further comprising the step of transmitting the shareable part of the first cursor to the second node prior to an indication that said first node will be unable to execute said first cursor.

51. (New) The method of claim 45, further comprising the step of transmitting the shareable part of the first cursor to the second node in response to a shutdown of said first node.

52. (New) The method of claim 45, further comprising the step of recreating at said second node at least one of recursive cursors and system cursors.

53. (New) The method of claim 45, further comprising the step of extracting said sharable portion of said first cursor.

54. (New) The method of claim 53, wherein the step of extracting said sharable portion of said first cursor extracts data of at least one type, wherein said type is a member of a group consisting of bind variables data, session environment data, language version data, object authorization data, object names data, SQL text string data, and description data.

55. (New) The method of claim 45, wherein the step of compiling the shareable part of the first cursor to form a second cursor at the second node comprises: generating an execution plan for an operation associated with said second cursor.

56. (New) The method of claim 45, wherein the step of compiling the shareable part of the first cursor to form a second cursor at the second node comprises: generating a parse tree for an operation associated with said second cursor.

57. (New) A method for processing a request, comprising the steps of: initiating execution of a database statement at said first database server;

3

transmitting said database statement to a second database server prior to

termination of execution of said database statement at said first database

server; and

generating, at said second database server, a structure required to prepare said

database statement for execution at said second database server.

58.   (New) The method of claim 57, further comprising the step of receiving a request

from a client at said second database server to execute said database statement.

59.   (New) The method of claim 58, further comprising the step of executing said

database statement at said second database server using said structure.

60.   (New) The method of claim 57, wherein said structure is a parse tree.

61.   (New) The method of claim 57, wherein said structure is an execution plan.

62.   (New) The method of claim 57, wherein said step of transmitting said database

statement to a second database server is performed in anticipation of a shutdown

of said first database server.

63.   (New) The method of claim 57, wherein said step of transmitting said database

statement to a second database server is performed prior to any indication that said

first database server may become inoperable.

64.   (New) The method of claim 57, wherein said step of transmitting said database

statement to a second database server comprises the step of:

determining that said second database server is capable of executing said database

statement.

65.   A method processing a request, comprising the steps of:

receiving a database statement to be executed at a first database server;

4

generating a structure required to prepare the statement for execution at said first

database server;

initiating execution of said database statement at said first database server;

transmitting said structure to a second database server;

receiving a request to execute said database statement at said second database

server; and

executing said database statement at said second database server using said

structure.

66. (New) The method of claim 65, wherein said structure is a parse tree.

67. (New) The method of claim 65, wherein said structure is an execution plan.

68. (New) The method of claim 65, wherein said step of transmitting said structure to
a second database server is performed in anticipation of a shutdown of said first
database server.

69. (New) The method of claim 65, wherein said step of transmitting said structure to
a second database server is performed prior to any indication that said first
database server may become inoperable.

70.   (New) The method of claim 65, wherein said step of transmitting said structure to a second database server comprises the step of:

determining that said second database server is capable of executing said database statement.

71   (New) A computer-readable medium carrying one or more sequences of instructions for processing a request, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform the steps of:

storing a first cursor in a first node, said first cursor comprising a shareable part and a non-sharable part;

establishing a second cursor based on the shareable part of the first cursor;

retaining the second cursor at the second node, wherein the second cursor is not executed while said first node continues to be able to execute said first cursor; and

causing said client to interact with said second node in response to said first node ceasing to be able to execute said first cursor.

72.   (New) The computer-readable medium of claim 71, wherein the first node is a first database server, and the second node is a second database server.

73.   (New) The computer-readable medium of claim 71, further comprising the step of executing said second cursor at said second node after the first node ceases to be able to execute said first cursor.

74.   (New) The computer-readable medium of claim 73, wherein a non-sharable part of said second cursor is created upon execution of said second cursor.

6

75.   (New) The computer-readable medium of claim 71, further comprising the step of transmitting the shareable part of the first cursor to the second node in anticipation of said first node not being able to execute said first cursor.

76.   (New) The computer-readable medium of claim 71, further comprising the step of transmitting the shareable part of the first cursor to the second node prior to an indication that said first node will be unable to execute said first cursor.

77.   (New) The computer-readable medium of claim 71, further comprising the step of transmitting the shareable part of the first cursor to the second node in response to a shutdown of said first node.

78.   (New) The computer-readable medium of claim 71, further comprising the step of recreating at said second node at least one of recursive cursors and system cursors.

79.   (New) The computer-readable medium of claim 71, further comprising the step of extracting said sharable portion of said first cursor.

80.   (New) The computer-readable medium of claim 79, wherein the step of extracting said sharable portion of said first cursor extracts data of at least one type, wherein said type is a member of a group consisting of bind variables data, session environment data, language version data, object authorization data, object names data, SQL text string data, and description data.

81.   (New) The computer-readable medium of claim 71, wherein the step of compiling the shareable part of the first cursor to form a second cursor at the second node comprises:
generating an execution plan for an operation associated with said second cursor.

7

82.   (New) The computer-readable medium of claim 71, wherein the step of compiling

the shareable part of the first cursor to form a second cursor at the second node

comprises:

generating a parse tree for an operation associated with said second cursor.

83.   (New) A computer-readable medium carrying one or more sequences of

instructions for processing a request, wherein execution of the one or more

sequences of instructions by one or more processors causes the one or more

processors to perform the steps of:

initiating execution of a database statement at said first database server;

transmitting said database statement to a second database server prior to

        termination of execution of said database statement at said first database

        server; and

generating, at said second database server, a structure required to prepare said

        database statement for execution at said second database server.

84.   (New) The computer-readable medium of claim 83, further comprising the step of

receiving a request from a client at said second database server to execute said

database statement.

85.   (New) The computer-readable medium of claim 84, further comprising the step of

executing said database statement at said second database server using said

structure.

86.   (New) The computer-readable medium of claim 83, wherein said structure is a

parse tree.

87.   (New) The computer-readable medium of claim 83, wherein said structure is an

execution plan.

88.   (New) The computer-readable medium of claim 83, wherein said step of transmitting said database statement to a second database server is performed in anticipation of a shutdown of said first database server.

89.   (New) The computer-readable medium of claim 83, wherein said step of transmitting said database statement to a second database server is performed prior to any indication that said first database server may become inoperable.

90.   (New) The computer-readable medium of claim 83, wherein said step of transmitting said database statement to a second database server comprises the step of:

determining that said second database server is capable of executing said database statement.

91.   A computer-readable medium carrying one or more sequences of instructions for processing a request, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform the steps of:

receiving a database statement to be executed at a first database server;

generating a structure required to prepare the statement for execution at said first database server;

initiating execution of said database statement at said first database server;

transmitting said structure to a second database server;

receiving a request to execute said database statement at said second database server; and

executing said database statement at said second database server using said structure.

92.   (New) The computer-readable medium of claim 91, wherein said structure is a parse tree.

9

Docket No. 50277-1960 (OID 2000-195-01)

93.   (New) The computer-readable medium of claim 91, wherein said structure is an execution plan.

94.   (New) The computer-readable medium of claim 91, wherein said step of transmitting said structure to a second database server is performed in anticipation of a shutdown of said first database server.

95.   (New) The computer-readable medium of claim 91, wherein said step of transmitting said structure to a second database server is performed prior to any indication that said first database server may become inoperable.

96.   (New) The computer-readable medium of claim 91, wherein said step of transmitting said structure to a second database server comprises the step of: determining that said second database server is capable of executing said database statement.

Docket No. 50277-1960 (OID 2000-195-01)